



1. Read before first using this device

- (1) Do not use this player in extremely hot, cold, dusty environments.
- (2) Avoid contact and impact with sharp or hard objects.
- (3) Please charge this MP4-player on time.
- (4) Do not use this player in extremely dry environment in case of electrostatic shock.
- (5) Do not use the player while driving.
- (6) Please disconnect the MP4-player safely from the USB ('Remove hardware safely'), do not disconnect the MP4-player from the PC while formatting, during up- or download.
- (7) Do not disassemble the MP4-player by yourself. If there is any problem, please contact the dealer or supplier.

2. Features

- USB 2.0
- Earphone and line-in connections
- Supports the formats MP1, MP2, MP4, WMA, MP3
- Supports picture browsing function and viewing JPEG, BMP files directly
- Supports analyzing the MTV broadcast
- Built-in polymer lithium battery
- Only for WIN 98 a driver needs to be installed
- Record
 - Recording is possible through microphone and then saved as WAV-files.
- EQ: Normal, Pop, Rock, Classical, Jazz, Bass, Custom EQ.
- Multiple play modes:
 - No Repeat, Repeat One, Repeat All, Random All, Folder Normal, Folder Repeat, Folder Random.
- Supports multiple languages
- FM function
- Vivid menu with corresponding characters and words for easy operation.
- Lyric Display
- Screen protection

3. Standard Accessories

Please check the content to see, if the following items are included in the box:

1. MP4-player
2. Earphones
3. Manual
4. MP4 CD driver
5. Power adapter
6. USB-cable

4. Introduction of product

Keys:

on top: Power-switch



Display

Menu-button

Last/Rewind

Play/Pause

Next/Forward

Vol+/Vol-/AB-Replay

on the bottom: USB / Line-in / Earphone-plug

Description of keys:

- | | |
|----------------------|---------------------------------|
| 1. PLAY-button ► : | Play / Pause / On / Off |
| 2. MENU-button MENU: | Return to a menu / Enter a menu |
| 3. VOL + ►►►: | increase volume |
| 4. VOL + ◀◀◀: | decrease volume |
| 5. VOL-button VOL: | AB-Replay |
| 6. NEXT-button ►►►: | Next / Fast forward |
| 7. LAST-button ◀◀◀: | Last / Fast backward |
| 8. Power-switch: | Power On / Power Off |

Operation of keys:

Pressing a button includes: *short press / long press / press / press constantly*. (If not stated otherwise, short press will apply)

Short press: Operation when pressing

Long press: Pressing for 2 seconds, then operation starts.

Press constantly: Operation all the time in certain frequency as long as button is pressed, operation stops when button is released.

Press: Operation after button is released.

Lock

While the player is turned on, simultaneously press the PLAY-button and the MENU-button to activate the lock.

Press them again to deactivate the lock.

AB-Replay

During playback, short press the VOL-button to enter the AB-Replay function.

VOL+ / VOL-

In any state, while the player is turned on, long press the VOL-button and the volume icon will become green. Press the LAST-button to decrease the volume, and press the NEXT-button to increase the volume. Long press the VOL-button again or wait for a moment, and the volume icon will go back to its regular colour.

5. Battery icon:



Full icon (icon on top) indicates, that the power is at 3.7 V, meaning the battery is fully charged. While using the player, the remaining real power will be displayed.

When the battery power is used up, the battery icon will be empty (icon below) to show that a recharge is needed.

6. First steps to use the player

Connect the player to the USB-port of a PC. For users with the operation systems WIN 98 and WIN98 SE, a driver needs to be installed.

Connection to a PC

Please connect the player to the USB-port of a PC with the included USB-cable.

The PC will recognize the player as a transportable floppy disk (Please confirm, whether you have installed the USB-driver).

Charging the battery

This player has a built-in, rechargeable battery. When first using the player, in order to enlarge the battery life, you have to fully empty the battery and then recharge it.

1. Connect the player to the USB-port of a PC via USB-cable to charge the battery. No operation when pressing any key of the player.
2. Connect the player to a power source via Power adapter to charge the battery. While the battery is charged, the red and green light of the power adapter will be turned on. If the battery is full, the green light will be turned off automatically.

Important:

1. When charging, please do not pull out the adapter.
2. The battery life is related to the volume level. More battery power is needed for higher volume levels.

Uploading and Downloading files

- Open Windows Explorer and choose the newest removable medium, representing your player.
- You can create many folders in the removable disk, in order to sort and save your files in different folders.
- Copy the files directly from your PC (including music files) or move them to some folders in your removable disk.
- There is no need to create a new folder. You can copy/move the files directly to the root directory of the removable disk.
- You are able to delete/rename any file saved in the removable disk.

■ Formatting (can be done in two different ways)

Method one: Open Windows Explorer and mouse right click on the icon of the removable disk (plate). Then mouse left click on *formatting*.

Method two: In the MP4-player main menu select *Setup*, then *Sys Tool* and then *Format*. Press the PLAY-button to enter and then press the NEXT/LAST-button to choose *Quick/complete*. Press the PLAY-button again for confirmation, and the player will start the formatting process.

Disconnection and connection with the PC

Before disconnecting the player from a PC, please click (single click) on the green arrow icon on the right side of the bottom taskbar on your computer screen.



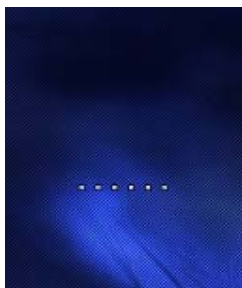
When system announces that it is safe to remove the hardware, only then you can disconnect the player from the USB-port of the computer.

If above steps are not completed, unplugging the player may cause malfunctions or loss of data.

7. Display and operation



Power on



Power off



Main menu – music

1. Turning the player on

First, make sure that the Power-switch is on the position ON. Then long press the PLAY-button to go to the main menu. In the main menu, short press the NEXT/LAST-button to go to the desired menu-item. Then press the PLAY-button to enter the chosen menu-item. Below is a list of all menu-items to choose from:

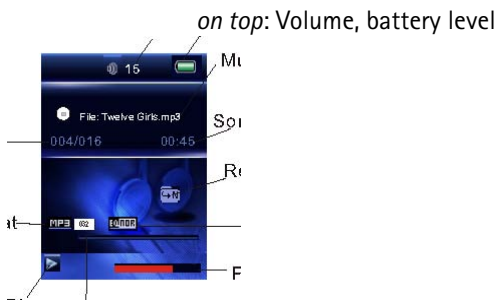
MUSIC
FM
VOICE
PHOTO
VIDEO
FILE
GAME
SETUP
EBOOK

To exit a menu, long press the MENU-button to return to the main menu.

2. Turning the player off

When the player is turned on (except when the player is locked), long press the PLAY-button for the player to be turned off, or push the Power-switch to the left to turn the power off.

3. Display



below: Number of songs, Song counter
Repeat-mode
Format, Bitrate, EQ-mode

bottom: Play-icon, Playing time bar

8. Main menu

8.1 Music

In main menu, select "Music" and press the PLAY-button to enter the Music-menu.



Normal status

Playback

Pause

During music playback or pause status, short press the MENU-button to enter the submenu. Press the NEXT/LAST-button to go to the desired submenu-item, see below:

Repeat	Equalizer	3D	Play Rate	File	Slide Show
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Press the PLAY-button to enter the chosen submenu-item. Below are all options listed, that are available in the different submenus:

Repeat	Equalizer	3D	Play Rate	File	Slide Show
No Repeat	Normal	Off	1.00X	Select the file you want, and press the play key to confirm your selection, then the song would be played.	Off
Repeat One	Pop	On	1.14X		5 Seconds
Repeat All	Rock		1.33X		10 Seconds
Random All	Classic		0.67X		15 Seconds
Folder Normal	Jazz		0.80X		30 Seconds
Folder Repeat	Bass				60 Seconds
Folder Random	Custom EQ				

Press the NEXT/LAST-button to select the desired option, then press the PLAY-button to confirm your choice. Press the MENU-button to exit the submenu.

■ Lyric display

1. The player supports LRC format files. When the playback starts, it can display the corresponding lyrics. But this is only possible, if LRC file name and song file name are the same.

2. How to use lyric files?

Lyric file name and song file name need to be saved under the same name, f.ex.:

Song file name: yesterday once more .MP4


LRC file name: yesterday once more .lrc

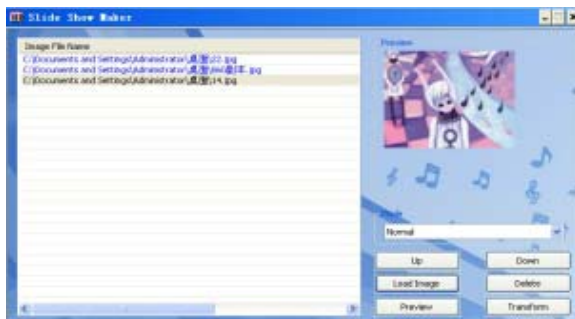
■ AB-Replay

During playback, press the VOL-button to choose the starting point 'A' of the AB-Replay. Press the VOL-button again to choose the ending point 'B' of the AB-Replay. Only the segment between the starting point 'A' and the ending point 'B' will be played repeatedly. Press the VOL-button one more time to end the AB-Replay and to go back to the normal playback.

■ Slide show

1. Look for a folder called SLS.DIR in the player.

2. Double click the icon “”, which is in the folder *Slide show Maker_v1.8.0* on the CD and then you will see below picture:



Normal: Preview modes you can select: Normal, circle, shutter (left to right), shutter (top to bottom)

Up: The image you selected will move up.

Down: The image you selected will move down.

Load image: Load the image from your computer.

Delete: Delete the image file.

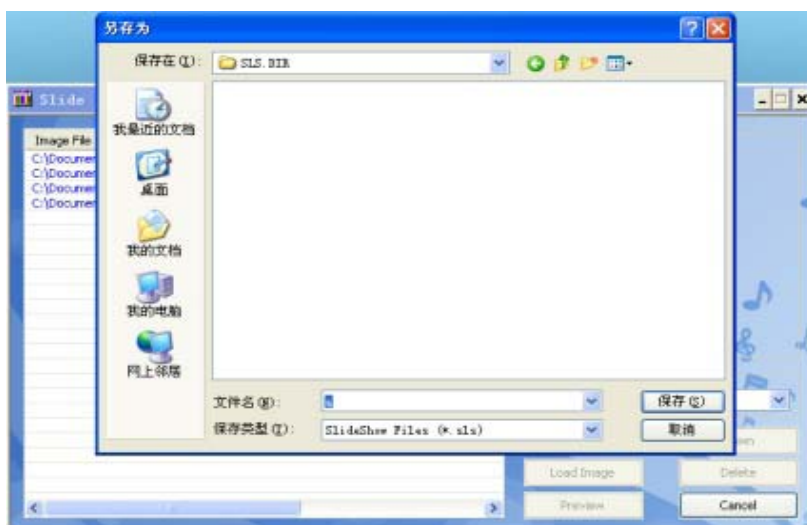
Preview: Preview of the image.

Transform: Transform the image.

3. Load the images from your computer (the image size is 160 X 128). You can move the image up/down or delete the image.

4. Select the preview mode and then click on 'Preview'.

5. Click on 'Transform' and save the file in the *SLS.DIR* folder which you have set up in step 1. See picture below:



6. Remove the player safely (Remove Hardware Safely) from the computer.
7. Turn the player on. During playback, short press the MENU-button to enter the submenu. Select *Slide Show* and press the PLAY-button to enter this submenu-item. Now, you can select the slide show time, press the PLAY-button for confirmation and press the MENU-button to exit the submenu and to go back to the main menu.
8. When returning to the music playback, after the slide show time was entered, the slide show will be played.

8.2 FM

Long press the MENU-button to enter the main menu. Press the NEXT/LAST-button to go to the menu-item 'FM'. Press the PLAY-button to enter the menu-item (see picture 1).



Picture 1 Picture 2 Picture 3 Picture 4

By pressing the PLAY-button again, you can adjust the FM-frequency manually with the NEXT/LAST-button. Short press the NEXT/LAST-button to increase/decrease the frequency step by step. Press the NEXT/LAST-button for about 2 seconds and then release it, the frequencies will be searched fast, the player will stop at the next station found; short press the NEXT/LAST-button to stop the search. Press the MENU-button to enter the FM-submenu. With the NEXT/LAST-button, you can select one of the following submenu-items:

Record, Auto Scan (see picture 2).

If you select the submenu-item 'Record' and press the PLAY-button for confirmation, then the station will be saved (Preset-state). Press the PLAY-button again to see that the station was saved (see picture 3). Press the MENU-button in the Preset-state, and you can select:

Delete or Auto Scan.

If you select 'Delete' and then press the PLAY-button for confirmation, the respective station will be deleted.

Note:

For any station, that is saved in the player, you can change the state between *Normal* and *Preset* (picture 1 and picture 3), and only in the Preset-state, you can enter the submenu as shown in picture 4 (in order to 'Delete' a station).

If you select the 'Auto Scan' and then press the PLAY-button for confirmation, you will enter the Normal state (as seen in picture 1) and the frequencies will be searched quickly. After the 'Auto scan' is completed, the scanned stations will be saved, and can also be deleted in the above described way. The automatic scanning stops, if a button is pushed (apart from the VOL-button).

FM Record

When you press the VOL-button, FM-recording will begin immediately. When you press the PLAY-button during recording, this will pause the recording. If you press the PLAY-button again, the recording will continue. Pressing the MENU-button will save the recording and you go back to the Normal state. Also see pictures below:



8.3 Voice

Long press the MENU-button to enter the main menu. Press the NEXT/LAST-button to go to the menu-item 'Voice'. Then press the PLAY-button to enter this menu-item.

If there is a recorded file in the player, press the PLAY-button to start the playback. When you press the PLAY-button during playback, this will pause the playback. If you press the PLAY-button again, the playback will continue.

Press the NEXT/LAST-button to go to the next/previous title, if there is more than one recorded file.

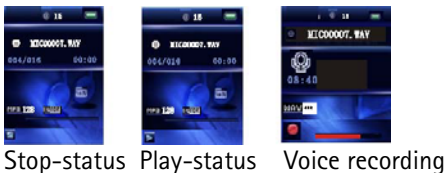
Press the MENU-button (during playback or in Pause/Stop-status) and you can enter the submenu. The Voice-submenu is the same as the Music-submenu. For details, please see the menu-item 'Music'.

Line-in

When you want to transfer songs from another player to your MP4-player, you only need to use a Line-in cable (not included).

■ Recording (Line-in)

In Voice Pause/Stop-status, press the VOL-button and the recording will start right away, see also pictures below:



Press the MENU-button to save the recorded file in the LINE_REC folder and to return to the Voice-menu.

8.4 Photo

Long press the MENU-button to enter the main menu. Press the NEXT/LAST-button to go to the menu-item 'Photo'. Then press the PLAY-button to enter this menu-item.

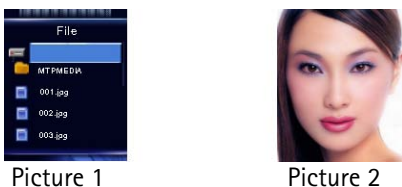
When entering this menu from the main menu, you will first see the file selection (as seen in picture 1).

If there is no file, then the directory is empty.

Press the PLAY-button to enter the picture browsing.

Press the NEXT/LAST-button to choose the next/previous picture.

Enter the picture browsing (as seen in picture 2):



- Press the NEXT/LAST-button, and choose the next/previous picture.
- Short press the MENU-button to return to the file selection.
- Long press the MENU-button to go back to the main menu.

8.5 Video

Long press the MENU-button to enter the main menu. Press the NEXT/LAST-button to go to the menu-item 'Video'. Then press the PLAY-button to enter this menu-item.

When entering this menu from the main menu, you will first see the file selection (as seen in picture 1).

If there is no file, the directory is empty.

Press the PLAY-button to enter the video surface (as seen in picture 2).

Press the PLAY-button again to start the playback (as seen in picture 3).

In the Video state, short press the MENU-button to set up the Repeat options, which are the same as in the Music-submenu. Please see this item for details.

- Press the NEXT/LAST-button to choose the next/previous file.
- Short press the MENU-button to return to the file selection.
- Long press the MENU-button to go back to the main menu.



Picture 1



Picture 2



Picture 3

8.6 File

Long press the MENU-button to enter the main menu. Press the NEXT/LAST-button to go to the menu-item 'File'. Then press the PLAY-button to enter this menu-item.

When entering this menu from the main menu, you will first see the folder selection.

Press the NEXT/LAST-button to go to your desired folder.

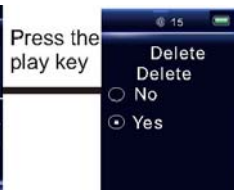
Press the PLAY-button to enter the chosen folder and all files of this folder will appear (as seen in picture 1).

Press the NEXT/LAST-button to choose the desired file.

Then press the PLAY-button and picture 2 will be displayed:



Picture 1



Picture 2

Select 'Yes' or 'No' by pressing the NEXT/LAST-button.

If you select 'Yes' and press the PLAY-button, the chosen file will be deleted.

If you select 'No' and press the PLAY-button, you will go back to the file selection.

Long press the MENU-button to go back to the main menu.

8.7 Game

Long press the MENU-button to enter the main menu. Press the NEXT/LAST-button to go to the menu-item 'Game'. Then press the PLAY-button to enter this menu-item.

When entering this menu through the main menu, you will first see the selection of games.

There are five games to choose from:

Smart Tetris, Hungry Snake, Box Move, Tank, Gobang

Select a game by pressing the NEXT/LAST-button.

Press the PLAY-button to enter the submenu of the chosen game.

There are four submenu-items to choose from:

Start, Introduction, Level Set, History

Start: You will start the game by pressing the PLAY-button.

Instruction: Enter this submenu-item by pressing the PLAY-button. You will receive information on how to play the chosen game.

Level Set: Enter this submenu-item by pressing the PLAY-button. You can now choose the desired game level.

History: Enter this submenu-item by pressing the PLAY-button. Here, you can see the highest score.

If you press the MENU-button, you will go back to the main menu.

During playing a game:

Long press the MENU-button and 'continue' and 'exit' will appear on the display. Choose one option by pressing the NEXT/LAST-button.

If you choose 'continue', you can continue with the game.

If you choose 'exit', you will return to the submenu of the game.

8.8 Setup

Long press the MENU-button to enter the main menu. Press the NEXT/LAST-button to go to the menu-item 'Setup'. Then press the PLAY-button to enter this menu-item.

The submenu-items of this menu are:

Time, Power, Language, Display, Record, Sys Tools

Go to the desired submenu-item by pressing the NEXT/LAST-button. Then press the PLAY-button to enter the chosen submenu-item.

By short pressing the MENU-button, you can return to the list of submenus.

By pressing the MENU-button long, you can go back to the main menu.

8.8.1 Time

Press the NEXT/LAST-button to go to this submenu-item.

Press the PLAY-button to enter this submenu-item.

Options to choose from in this submenu: *Adjust, Time Zone*

Press the NEXT/LAST-button to go to your desired option.

Press the PLAY-button to enter the chosen option.

Adjust the time or enter the correct time zone.

Press the PLAY-button to confirm your choice and to exit this submenu-item.

8.8.2 Power

Press the NEXT/LAST-button to go to this submenu-item.

Press the PLAY-button to enter this submenu-item.

Options to choose from in this submenu: *Auto off, Always on*

Auto off: After setting a certain time, the player will be turned off automatically, when reaching the set time.

If you enter this option, you can choose between:

15 Minutes, 30 Minutes, 60 minutes, 90 minutes, 120 Minutes, Close

Press the NEXT/LAST-button to go to the desired setting.

Press the PLAY-button to confirm your choice and to exit this submenu-item.

Always On: If you enter this option, you can choose between: *Yes and No*

If you choose 'Yes', the player will not be turned off automatically.

Press the NEXT/LAST-button to go to the desired setting.

Press the PLAY-button to confirm your choice and to exit this submenu-item.

8.8.3 Language

Press the NEXT/LAST-button to go to this submenu-item.

Press the PLAY-button to enter this submenu-item.

In this submenu-item, you can choose your desired language. Choose between:

CHI (Trad), CHI (Simp), English, German, French, Italian, Spanish, Portugues, Polish

Press the NEXT/LAST-button to go to your desired language.

Press the PLAY-button to confirm your choice and to exit this submenu-item.

8.8.4 Display

Press the NEXT/LAST-button to go to this submenu-item.

Press the PLAY-button to enter this submenu-item.

In this submenu-item, you can find the following settings: *Brightness, Backlight*

Brightness: Choose this option to adjust your desired screen brightness. Choose between:

low, medium, high, maximum

Press the NEXT/LAST-button to go to the desired screen brightness

Press the PLAY-button to confirm your choice and to exit this submenu-item.

Backlight: Choose this option to set up how long the backlight should stay on. Choose between:

15 Seconds, 30 seconds, 1 Minute, Close

Press the NEXT/LAST-button to go to the desired screen brightness

Press the PLAY-button to confirm your choice and to exit this submenu-item.

8.8.5 Record

Press the NEXT/LAST-button to go to this submenu-item.

Press the PLAY-button to enter this submenu-item.

In this submenu-item, you can choose between the following settings: *Source and Quality*

Source: Select between 'MIC' and 'Line In' by pressing the NEXT/LAST-button. Confirm your choice by pressing the PLAY-button.

Quality: Select between 'High Qty', 'Normal Qty.', and 'Long Time' by pressing the NEXT/LAST-button. Confirm your choice by pressing the PLAY-button.

8.8.6 Sys Tools

Press the NEXT/LAST-button to go to this submenu-item.

Press the PLAY-button to enter this submenu-item.

In this submenu-item, you can choose between the following settings:

Delete, Format, Reset, Sys Info

Delete:

Go to this option by pressing the NEXT/LAST-button.

Enter this option by pressing the PLAY-button. The list of folders can be seen.

Choose your desired folder by pressing the NEXT/LAST-button.

Enter this folder by pressing the PLAY-button. Listed are now all files in this folder.

Go to the file you want to delete by pressing the NEXT/LAST-button.

Press the PLAY-button and then choose between 'Yes' and 'No' by pressing the NEXT/LAST-button again.

Press the PLAY-button to confirm your choice and to exit this option.

Format:

Go to this option by pressing the NEXT/LAST-button.

Enter this option by pressing the PLAY-button.

Choose between *Quick* and *Complete*.

Go to your desired item by pressing the NEXT/LAST-button again.

Enter the chosen item by pressing the PLAY-button.

Quick: Choose between 'No' and 'Yes' by pressing the NEXT/LAST-button one more time.

Press the PLAY-button to confirm your choice and to exit this option.

Complete: Choose between 'No' and 'Yes' by pressing the NEXT/LAST-button one more time.

Press the PLAY-button to confirm your choice and to exit this option.

Reset:

Go to this option by pressing the NEXT/LAST-button.

Enter this option by pressing the PLAY-button.

Choose between 'No' and 'YES' by pressing the NEXT/LAST-button again.

Press the PLAY-button to confirm your choice and to exit this submenu-item.

Note:

If you select 'YES', the player will go back to the state it was in, when it left the factory.

Sys Info:

Go to this option by pressing the NEXT/LAST-button.

Enter this option by pressing the PLAY-button.

Here, you can see information on software-version and memory.

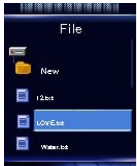
Short press the MENU-button to return to the Setup-submenu.

Long press the MENU-button to go back to the main menu.

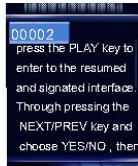
8.9 EBook

Long press the MENU-button to enter the main menu. Press the NEXT/LAST-button to go to the menu-item 'EBook'. Then press the PLAY-button to enter this menu-item.

When entering this menu-item through the main menu, you will first see the file selection, see the pictures below:



Picture 1



Picture 2

If there is no file, then the directory is empty.

Press the PLAY-button to enter the EBOOK selection, as seen in picture1.

Press the NEXT/LAST-button to choose the next/previous file.

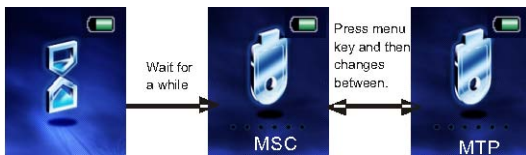
Press the PLAY-button to be able to read the content of the file (as seen in picture 2).

Short press the MENU-button to return to the file selection.

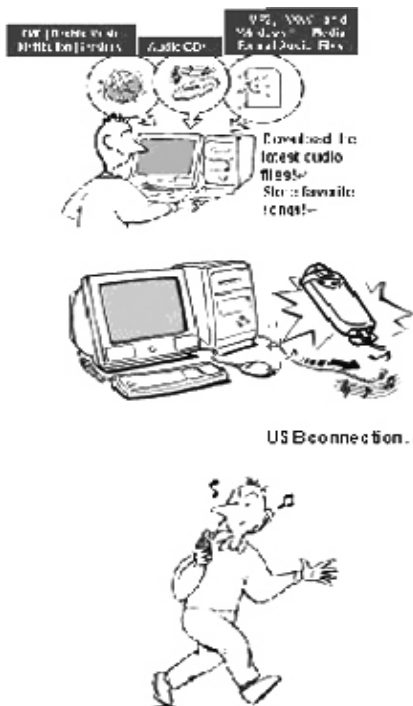
Long press the MENU-button to go back to the main menu.

9. USB Connection

Once the player is connected to a PC, it will show below pictures:



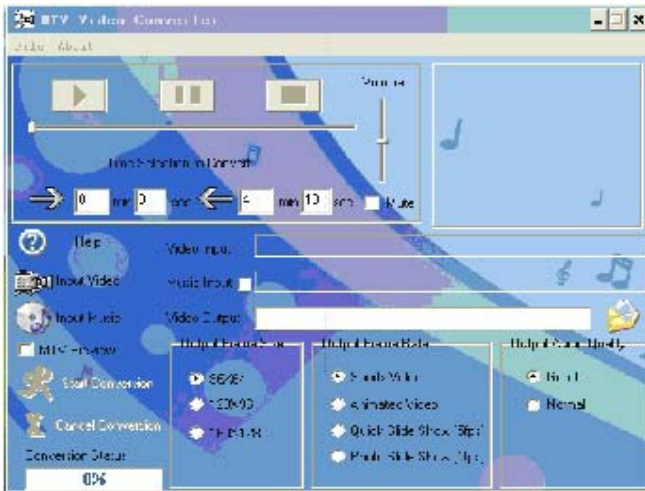
You can download music (mp3 or wma) files through the USB-port of your PC onto your player.



1. Save digital audio files in your computer.
2. Transfer files to your Network Walkman.
3. Enjoy music with your Network Walkman.

10. Transforming tool

Open the CD and double click on "Video Convert. Exe". Below picture will appear:



11. DRM 10

Warning: Download of WMA music with DRM protection onto the MP4-player

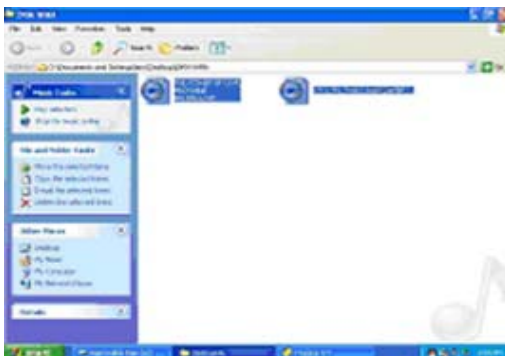
On Windows XP/II, WMA music with DRM should be transferred by the Windows Media 10.0 version to the MP4-player. With other download methods, the MP4-player will probably not be able to read the WMA music with DRM file.

Operation instruction:

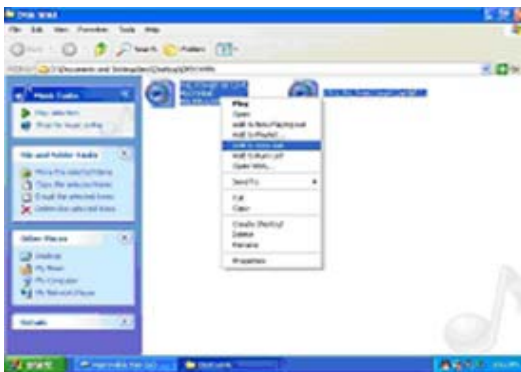
On Windows XP/II, the user should upgrade the Windows Media Player to the 10.0 version.

A) With the Windows Media Player 10.0 version : (Windows XP11)

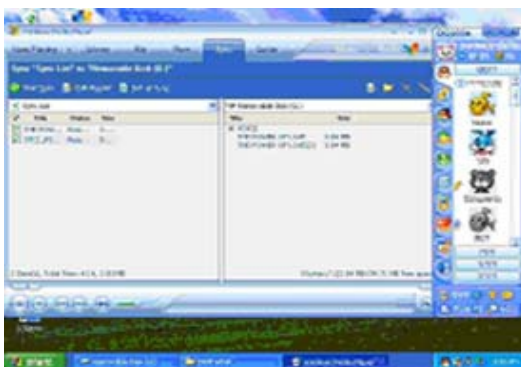
- 1) Connect your MP4-player to a PC. Press the MENU-button, then the MP4-player will be in MTP MODE, exit out of the MTP MODE.
- 2) Open Windows Media Player 10.0.
- 3) Connect your MP4-player to PC.
- 4) Choose the desired WMA music with DRM.



- 5) Right click with mouse and choose "Add to Sync list".

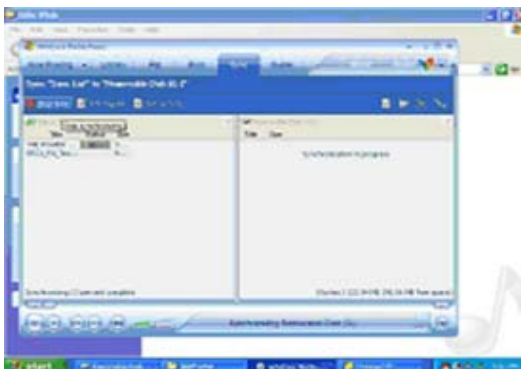


6) On the now open window, choose "Sync".



7) On the "Sync" window, choose the desired WMA music with DRM. And choose "Removable Disk".

8) Click on "start Sync" to transfer the WMA music with DRM to your MP4-player.



9) Safely remove your MP4-player from the PC (Remove hardware safely; icon on bottom task bar).

12. Technical Details

Dimension	90*40*7.7mm	
Display	TFT (128*160)	
Memory	512 mb – 8 gb	
USB	USB 2.0	
Power supply	Polymer lithium battery	
Playback time	5 hours	
Record	Format	WAV
	Time	8 hours (128 mb Flash)
SNR	≥ 80dB	
Output earphone	max. 5mW*1(32ohm)	
EQ	Natural, Pop, Rock, Classical, Jazz, Bass, Custom EQ	
Audio Format	MP1, MP2, MP3, WMA	
Video Format	*.Avi, *.wmv, *.asf, *.mpg, *.mov, *.qt, *.vob, *.rm, *.rmvb, *.3gp and so on translate into MTV format through the software tools	
Temperature	0 to 40°C	
Language	CHI (Trad) ,CHI (Simp), English, German, French, Italian, Spanish, Portugues, Polish	
Picture Format	Jpg, Bmp	
Operating Systems	Windows 98/SE/ME/2000/XP/2003, Linux 2.42	
Bit rate	MP3: 8-320kbps	
	Wma: 32-192kbps	



Disposal of Used Electrical & Electronic Equipment

This symbol means, that this product and its accessories and packaging should not be treated as household waste. Please, discard this equipment according to the local regulations, regarding the disposal of electrical & electronic equipments. In the European Union and other European countries, there are different systems for disposing used electrical and electronic product.

By ensuring the correct disposal of this product, you will help to prevent hazards to the environment and to human health, which could be caused by improper disposal of this product. Recycling of materials will help preserve the natural resources. Therefore, please do not put old electrical and electronic equipment into your household waste.

For more detailed information on how to recycle this product, please contact your local authorities, your local recycling plant or the seller of this product.

ALL INFORMATION IS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE!